(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau





(43) International Publication Date 9 June 2005 (09.06.2005)

(10) International Publication Number WO 2005/051107 A1

(51) International Patent Classification7: A22C 29/00, F16H 7/02, B08B 1/04

A23N 12/02,

(21) International Application Number:

PCT/NZ2004/000304

(22) International Filing Date:

26 November 2004 (26.11.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 529771

26 November 2003 (26.11.2003)

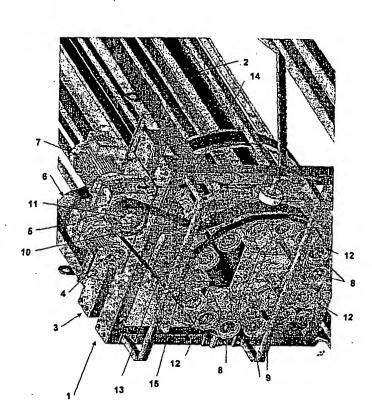
(71) Applicant (for all designated States except US): WYMA ENGINEERING (NZ) LIMITED; 27 Foremans Road, Hornby, Christchurch, 8004 (NZ).

(72) Inventor; and

- (75) Inventor/Applicant (for US only): BARCLAY, Andrew James [NZ/NZ]; Springs Road, RD 6, Christchurch (NZ).
- (74) Agent: LYTH, Richard John; PO Box 61, Tai Tapu, 8150 (NZ).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,

[Continued on next page]

(54) Title: A DRIVE MECHANISM



(57) Abstract: A drive mechanism for food handling, food processing and cleaning equipment incorporating a rotating barrel. The barrel can have mounted therein a plurality of shafts (8) aligned with their longitudinal axes parallel to the longitudinal axis of the barrel. The drive mechanism includes a single motor (7) adapted to drive via a V belt (13) the shafts (8) which are also linked by a timing belt slave (15).

WO 2005/051107 A1 ||

WO 2005/051107 A1



ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

with international search report